

# THREE PHASE ON-GRID INVERTER

ASN-(250-350)TLX-HV



### **KEY FEATURES**



#### **High Efficiency**

- » Max.efficiency up to 99.08%,EU efficiency up to 98.8%
- » Output power up to 350kW,Including 6 MPPTs,75A per MPPT
- » Max. 30 strings, compatible to 182 and 210 series PV module



#### **Smart**

- » Supports I-V curve scanning, accurately identifying string anomalies
- » Adaptive SBF&SBR, Smart Self-cleaning Fan
- » Fault forcast and Discretenss Analysis, Online Mantenanve order Management



#### Safe & Reliable

- » Smart Connector-level Detection, Smart DC-Switch Disconnection
- » Smart Terminal-level Detection, Auto Safety Protection on AC Side
- » IP65 protection rating, C5-M anti-corrosion shell, adaptable to harsh operating environments



#### **Economical & Cost-Saving**

- » Supporting for weak power grids SCR~1.1
- » Higher power quality, THDI<1.5%
- » Faster power response time; actives:<60ms;Reactives:<30ms
- » Q at night function, Auto reactive power Control According to Demand

Power line communication, High Speed & High Anti-interfence PLC

## **AUX** GROUP

Established in 1986. AUX Group is an enterprise which covers 5 industries. It ranked China's top 500 enterprises for consecutive years, 40000+ employees keep AUX fast development for recent years.

**\$ 12.4** 



Assets

Revenue in 2024

500
China's Top



# AUXSOL WIN A GREEN FUTURE TOGETHER

#### Ningbo AUX Solar Import & Export Co., Ltd.

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	ASN-250TLX-HV	ASN-280TLX-HV	ASN-300TLX-HV	ASN-330TLX-HV	ASN-350TLX-H	
PV INPUT						
Max. PV input power	380kW	420kW	450kW	480kW	500kW	
Max. PV input voltage			1500V			
Rated PV input voltage	1080V					
Start-up voltage	520V					
MPPT voltage range	500-1500V					
Max. PV input current	6*6	6*65A		6*75A		
Max. short circuit current	6*10	6*105A		6*125A		
MPPT number/Max. input strings number			6/30			
AC OUTPUT						
Rated output power	250kW	280kW	300kW	330kW	350kW	
Max. apparent output power	250kVA	280kVA	300kVA	330kVA	350kVA	
Rated output voltage	600V,3L/PE	690V,3L/PE		800V,3L/PE		
Rated output frequency/ frequency range			50Hz/60Hz (±5Hz)			
Rated output current	241A	234A	217A	238A	254A	
Power factor	>0.99 (0.8 leading 0.8 lagging)					
ГНDi	<1.5%					
EFFICIENCY						
MPPT efficiency	99.80%			99.80%		
Max. efficiency	99.02%		99.08%			
EU efficiency	98.70%		98.80%			
PROTECTION						
ntegrated DC switch			Yes			
OC rever-polarity protection	Yes					
String monitoring	Yes					
nsulation impedance detection	Yes					
Residual leakage current detection	Yes					
Ground fault monitoring	Yes					
Short circuit protection	Yes					
Anti-islanding protection	Yes					
DC/AC surge protection	DC:Type II:AC:Type II					
PID recovery	Optional					
DC arc-fault circuit protection	Optional					
/V curve scanning	Yes					
GENERAL						
Operating temperature range			-30+60 °C			
Max. operation altitude	5000m (Derating above 4000m)					
Relative humidity	0-100%					
Cooling concept	Smart Fan Cooling					
ngress protection	IP65					
Anti-corrosion grade	C5-M					
Topology	Transformerless					
Night self consumption	<6W					
Dimensions (W*H*D)		1128*808*351mm				
Weight	≤115kg					
COMMUNICATION			_1101.9			
			LED+Bluetooth+APP			
Display Communication	RS485,Optional:WIFI,4G,PLC					
		R54	,05,0ptional:vviFi,4G,1			
CERTIFICATION  Skid standards	EN ECE (	0.1 IEC 61727/62116	JEC 61697 JEC 60066		DE 4105	
Grid standards	EN 5054	9-1,IEC 61727/62116	JEC 61685,IEC 60068	o,IEEE1547,UL1741, V	DE 4105	